

ER 272581314US

ABSTRACT OF THE DISCLOSURE

A wheeled apparatus is provided that converts alternate back and forth longitudinal motion supplied by the arms of a user to a pair of members into rotary motion that is used to drive the apparatus forward. The members move in opposite direction pulling and releasing a pair of chain segments that each a freewheel. Each freewheel drives an axle when rotated in one direction and coasts in the opposite direction. A drive gear is attached to the axle and supplies power to a driven gear attached to a multi-speed internal gear hub. A brake is also attached to the hub. An optional supplemental source of motive power such as an electric motor or gasoline engine can also be included.